

**The Urban District Council of
ABERDARE**



ANNUAL REPORT
OF THE
Medical Officer of Health

FOR THE YEAR

1963

By

J. Llewellyn Williams

M.R.C.S. L.R.C.P., D.P.H (Lond)

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HEALTH COMMITTEE

Date of Meeting: Third Tuesday in each Month at 7.0 p.m.

Chairman

Councillor G. R. PRITCHARD, B.E.M.

Councillor I. W. EVANS

D. W. GRIFFITHS

E. JONES

W. S. JONES

J. E. WILLIAMS

C. EDWARDS

Councillor E. D. JENKINS

W. H. LEWIS

J. M. POWELL

T. C. PHILLIPS

Mrs. S. MORGAN

Mrs. L. G. LYNCH

Ex-Officio Members

Councillor S. WILCOX, J.P.

Councillor T. JONES

PUBLIC HEALTH OFFICERS 1963

Medical Officer of Health J. LLEWELLYN WILLIAMS, M.R.C.S., L.R.C.P., D.P.H.
(LOND.)

Senior Public Health Inspector TREVOR WALTERS, A.R.S.H., F.A.P.H.I.

Public Health Inspectors JOHN F. JONES, C.R.S.H., M.A.P.H.I.

EVAN P. EVANS, M.R.S.H., M.A.P.H.I.

BERNARD C. TAYLOR, M.A.P.H.I., C.R.S.H.

MANSEL HUGHES, M.A.P.H.I., C.R.S.H.

Pupil Public Health Inspector MICHAEL J. KEDWARD

Housing Assistant DAVID R. WILLIAMS, A.I.HSG., M.R.I.P.H.H.

Clerical Staff

Chief Clerk DAVID E. DAVIES

Second Clerk EMRYS S. EVANS

Clerk Miss MYRA JONES

Shorthand Typist Mrs. MARGARET WALKER, *Temporary* (To. 9/8/63)

Shorthand Typist Miss JUDITH DAVIES (From 12/8/63)

PUBLIC HEALTH DEPARTMENT,
ROCK GROUNDS,

ABERDARE

24th August 1964

Tel. No.: Aberdare 2441

To the Chairman and Members of the
Urban District Council of Aberdare

Ladies and Gentlemen,

I have the honour to submit for your consideration my Annual Report on the Public Health and Sanitary Conditions of the district, and of the work carried out by your Officers of the Public Health Department, together with the vital and other statistics for the year. 1963 This Report has been prepared on the lines laid down in Circular 1/64 (Wales) of the Welsh Board of Health

I would like to express to the Council my appreciation of the interest shown by the Members in matters affecting Public Health. I wish, also, to express my sincere thanks for the help I have received from Mr. D. G. James, the Clerk of the Council and the Council's Chief Officers, the Senior Public Health Inspector, Mr. Trevor Walters, the Public Health Inspectors, to Mr. D. R. Williams, Housing Assistant, and Mr. David E. Davies, Chief Clerk and the Clerical Staff for their loyal support and assistance to me during the year under review.

Yours sincerely,

J. LIEWELLYN WILLIAMS,

Medical Officer of Health

M.O.H. Private Address Tel. No.: Aberdare 2980

GENERAL STATISTICS

Area of District (in acres)	15,183
Census Population (1961)	39,155
Registrar's Estimated population	39,000
Number of inhabited houses (31st December 1963)	13,115
Rateable Value (New Valuation List 1st April 1963)	£797,417
Sum represented by a penny rate	£3,133

VITAL STATISTICS

Live Births	605
Live birth rate per, 1,000 population	15.76
Illegitimate live births per cent. of total live births	4.13
Stillbirths	6
Rate per 1,000 total live and stillbirths	9.80
Total still and live births	611
Infant deaths (Deaths under 1 year)	19
Infant Mortality rate per 1,000 live births—Total	31.40
Infant Mortality rate per 1,000 live births—legitimate	31.24
Infant Mortality rate per 1,000 live births—illegitimate	40.00
Neo Natal Mortality rate per 1,000 live births	21.49
Early neo natal mortality rate	19.84
Perinatal mortality rate	29.46
Maternal mortality (including abortion)	—
Maternal mortality rate per 1,000 live and stillbirths	—

DEATHS

Deaths that actually occurred in this district	508
Local residents who died outside the area	195
Residents of other districts who died in the Aberdare Area	703
Corrected number of deaths	42
	661

661 deaths occurred among local residents giving a death rate of 17.63 per 1,000

Death rate for 1962	15.97
Death rate for England and Wales for 1963 per 1,000 (crude)	12.20
For Glamorgan (Administrative County)	14.55
For Urban Districts	14.99
For Rural Districts	13.47

INFANT MORTALITY AND NEO NATAL MORTALITY 1963

Source	Infant Mortality		Neo Natal Mortality	
	Deaths under one Year	Rate per 1,000 live births	Deaths under four weeks	Rate per 1,000 live births
England and Wales	17,870	20.90		
Glamorgan County	364	27.46	259	19.54
Urban Districts	256	27.86	177	19.26
Rural Districts	108	26.54	82	20.15
ABERDARE	19	31.40	13	21.49
Some larger Glamorgan Districts				
Barry	15	18.36	11	13.46
Bridgend	5	20.24	4	16.19
Caerphilly	18	26.12	13	18.86
Maesteg	10	25.77	8	20.62
Mountain Ash	15	28.96	9	17.37
Neath Borough	15	30.00	9	18.00
Neath Rural	27	41.47	20	30.72
Pontypridd	18	28.80	14	22.40
Port Talbot	22	22.75	16	16.55
Rhondda Borough	45	27.44	32	19.51

STILL BIRTHS

The number of still births registered was 6 of which 4 were males and 2 females the still birth rate per 1,000 registered live and still births being 9.8.

INFANT MORTALITY RATE SINCE 1916
(Number of Deaths under 1 year) per 1,000 total live births

Year	England and Wales	Aberdare	Year	England and Wales	Aberdare
1916	91	102	1945	46	46
1917	96	91	1946	43	46
1918	97	123	1947	41	62
1919	89	89	1948	34	41
1920	80	98	1949	32	51
1921	83	104	1950	29.8	33.85
1922	77	110	1951	29.6	54.28
1923	69	77	1952	27.6	36.78
1924	75	84	1953	26.8	30.80
1925	75	95	1954	25.5	26.79
1926	70	88	1955	24.9	32.67
1927	69	71	1956	23.8	28.42
1928	65	91	1957	23.0	37.64
1929	74	98	1958	22.50	28.30
1930	60	68	1959	22.0	27.08
1931	66	86	1960	21.7	40.40
1932	65	57	1961	21.4	20.10
1933	64	78	1962	21.4	36.36
1934	59	79	1963	20.90	31.40
1935	57	67			
1936	59	68			
1937	58	73			
1938	53	51			
1939	50	50			
1940	55	80			
1941	59	61			
1942	49	66			
1943	49	44			
1944	46	36			

Neo Natal Mortality rate since 1950
(Number of Deaths under 4 weeks)
per 1,000 live births

Perinatal Mortality rate since 1960
(Still births and deaths under 1 week)
per 1,000 combined total
live and still births

Year	England and Wales	Aberdare	Year	England and Wales	Aberdare
1950		20.07	1960		44.41
1951	18.8	17.83	1961		34.48
1952	18.9	22.77	1962		38.77
1953	17.7	25.36	1963		29.46
1954	17.7	21.43			
1955	17.3	25.41			
1956		23.09			
1957	16.5	29.46			
1958		23.05			
1959		19.86			
1960	15.6	30.30			
1961		15.08			
1962		23.14			
1963		21.49			

TABLE OF INFANTILE MORTALITY DURING THE YEAR 1963

Causes of Death	Under 1 day M. F.	1-7 days M. F.	1-2 weeks M. F.	2-3 weeks M. F.	3-4 weeks M. F.	over 4 weeks & under 3 months M. F.	3-6 months M. F.	6-9 months M. F.	9-12 months M. F.	Totals M. F.
Prematurity	6 1	2 —	— 1	— —	— —	— —	— —	— —	— —	8 2
Bronchial Pneumonia	— —	— —	— —	— —	— —	— 1	— 1	— —	— —	— 2
Cerebral Haemorrhage	1 —	1 —	— —	— —	— —	— —	— —	— —	— —	2 —
Spina Bifida	— —	— —	— —	— —	— —	— —	— —	— 1	— —	— 1
Meningitis	— —	— —	— —	— —	— —	1 1	— —	— —	— —	1 1
Nobular Collapse ..	— —	1 —	— —	— —	— —	— —	— —	— —	— —	1 —
Toxemia due to Virus Pneumonia ..	— —	— —	— —	— —	— —	1 —	— —	— —	— —	1 —
TOTALS	7 1	4 —	— 1	— —	— —	2 2	1 —	— 1	— —	13 6

CAUSES OF DEATH

							Male	Female	Total
							<hr/>	<hr/>	<hr/>
ALL CAUSES							367	294	661
Tuberculosis:	Respiratory						6	2	8
	Other Forms —						—	—	—
Syphilitic Disease							—	—	—
Diphtheria							—	—	—
Whooping Cough							—	—	—
Meningococcal infections							—	1	1
Acute Poliomyelitis							—	—	—
Measles							1		1
Other infective and parasitic diseases							—	—	—
Malignant neoplasm:	stomach						13	12	25
	lung-bronchus						12	1	13
	breast						—	3	3
	uterus						—	7	7
Other malignant and lymphatic neoplasms							15	17	32
Leukaemia-aleukaemia							—	1	1
Diabetes							1	—	1
Vascular lesions of nervous system							50	54	104
Coronary disease—angina							74	40	114
Hypertension with heart disease							6	3	9
Other heart diseases							58	77	135
Other circulatory diseases							14	10	24
Influenza							—	1	1
Pneumonia							13	14	27
Bronchitis							33	11	44
Other diseases of respiratory system							20	—	20
Ulcer of stomach and duodenum							3	—	3
Gastritis, enteritis and diarrhoea							1	3	4
Nephritis and nephrosis							5	1	6
Hyperplasia of prostate							3	—	3
Pregnancy, childbirth and abortion							—	—	—
Congenital malformations							—	4	4
Other defined and ill-defined diseases							24	23	47
Motor Vehicle accidents							3	—	3
All other accidents							11	7	18
Suicide							1	2	3
Homicide and operations of war							—	—	—

The following table shows the number of deaths from cancer in the area during the past five years.

	1963			1962			1961			1960			1959		
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total
Stomach ..	13	12	25	13	10	23	9	9	18	10	7	17	12	5	17
Lung Bronchus	12	1	13	8	2	10	16	—	16	5	—	5	11	2	13
Breast ..	—	3	3	—	7	7	—	3	3	—	6	6	—	6	6
Uterus ..	—	7	7	—	5	5	—	5	5	—	2	2	—	2	2
Other ..	15	17	32	20	16	36	29	23	52	16	21	37	20	15	35
Totals ..	40	40	80	41	40	81	54	40	94	31	36	67	43	30	73

LIVE BIRTHS

				Male	Female	Total
Legitimate	..	..	..	301	279	580
Illegitimate	..	..	..	12	13	25
				<u>313</u>	<u>292</u>	<u>605</u>

Birth rate per 1,000 home population being	..	..	..	..	15.76
1962 birth rate per 1,000 home population was	..	..	..	..	15.97
The birth rate for England and Wales being (crude)	..	..	..	..	18.20
Birth rate for Glamorgan (Administrative County)	..	..	..	..	17.97
The birth rate for Urban Districts being	..	..	..	..	17.98
The birth rate for Rural Districts being	..	..	..	..	18.18

Illegitimate Births

The number of illegitimate births registered was 26 of which 13 were boys and 13 girls. One death occurred amongst these children.

NOTIFIABLE DISEASES

During the year the following notifications were received:—

DISEASE	MALE	FEMALE	TOTAL
Whooping Cough	1	—	1
Scarlet Fever	6	5	11
Measles	54	58	112
Pneumonia	6	12	18
Dysentery (Sonne)	3	—	3
Puerperal Pyrexia	—	7	7
Erysipelas	—	1	1
Ophthalmia Neonatorum	—	1	1

The following table shows the incidence of notification of confirmed infectious diseases during the past seven years:—

DISEASE	1963	1962	1961	1960	1959	1958	1957
Diphtheria	—	—	—	—	—	—	—
Scarlet Fever	11	7	29	7	8	15	5
Whooping Cough	1	2	17	—	6	—	41
Measles	112	12	514	—	32	78	352
Paratyphoid	—	2	—	—	—	2	—
Dysentery (Sonne)	3	13	33	22	51	18	16
Food Poisoning	—	—	28	6	—	1	9
Meningococcal Infection	—	—	—	—	1	3	2
Erysipelas	1	—	1	4	2	—	2
Puerperal Pyrexia	7	8	8	11	11	8	11
Ophthalmia Neonatorum	1	—	—	—	4	2	1
Pneumonia	18	12	28	18	23	21	32
Polio-myelitis-Paralytic	—	—	—	—	—	—	—
Anthrax	—	—	1	—	—	—	—

ANNUAL REPORT OF FOOD POISONING NOTIFICATION (Corrected)

Food Poisoning Notifications (corrected) returned to Registrar General ..	NIL
Cases otherwise ascertained	NIL
OUTBREAKS	
Total Outbreaks	NIL
SINGLE CASES	
Total Number of known cases	NIL

TUBERCULOSIS

Public Health Act, 1936, Section 172

The number of new cases notified in 1963 was:—

Tuberculosis: Pulmonary	26
Meningitis	1
Other Forms	—
Total notified during the year	27
Cases of Tuberculosis admitted to Sanatoria in 1963 ..	41
Cases of Tuberculosis discharged from Sanatoria in 1963	48

The following table gives the age and sex distribution of persons notified as suffering from Tuberculosis and of those who have died from the disease:—

Age Periods	NEW CASES NOTIFIED						DEATHS					
	Respir- atory		Menin- gitis		Other forms		Respir- atory		Menin- gitis		Other forms	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
0 to 5 ..	—	—	—	—	—	—	—	—	—	—	—	—
5 to 14 ..	—	—	1	—	—	—	—	—	—	—	—	—
15 to 24 ..	1	1	—	—	—	—	—	—	—	—	—	—
25 to 44 ..	3	5	—	—	—	—	1	—	—	—	—	—
45 to 64 ..	8	1	—	—	—	—	3	1	—	—	—	—
65 & over	7	—	—	—	—	—	2	1	—	—	—	—
Age unk'n	—	—	—	—	—	—	—	—	—	—	—	—
Totals ..	19	7	1	—	—	—	6	2	—	—	—	—

The following table shows the incidence of Tuberculosis in the district for the past 20 years.

Year	CASES NOTIFIED		DEATHS NOTIFIED	
	Respiratory	Other Forms	Respiratory	Other Forms
1944	85	14	30	5
1945	63	14	17	1
1946	64	13	24	2
1947	62	8	23	4
1948	57	9	17	1
1949	50	12	24	4
1950	51	12	22	2
1951	51	17	27	5
1952	44	2	11	1
1953	104	8	13	1
1954	74	10	9	5
1955	49	12	8	1
1956	25	5	6	1
1957	31	4	3	—
1958	28	4	9	—
1959	21	1	5	—
1960	17	7	5	—
1961	28	5	2	1
1962	28	3	6	1
1963	26	1	8	—

SEWERAGE

The sewerage and trade effluent survey of the Cynon Valley mentioned in previous Annual Reports constitutes a considerable undertaking. The Consultant Engineers, appointed by the Aberdare and Mountain Ash Councils, performing this task, commenced work during the year. Negotiations in relation to the final disposal unit at the lower end of the valley also progressed, but somewhat slowly.

WATER SUPPLY

The water supply of the Urban Area is derived from seven sources, six of which lie within the Urban Area. The seventh is derived from the Taf Fechan Water Board.

RESERVOIR	CAPACITY IN GALLONS	AREA SUPPLIED
NANTHIR (<i>Situated on the mountainside above Llwydcoed</i>)	40,000,000	Llwydcoed, Ysguborwen, Graig Place, Abernant Maes-yffynon, Goderaman (West of Jubilee Road) Forge View area, North View Terrace, Cwmbach (part).
NANTMOEL. (<i>Situated on the mountainside above Llwydcoed</i>)	67,000,000	Hoovers, Cables, Trecynon Trefelin to Park Schools Robertstown, part of Aberaman to Abercwmboi.
BWLLFA (Graig Storage Ponds) (<i>Situated in the Bwllfa Cwm-dare Village</i>)	7,000,000	Foundrytown, Daviestown Town Centre Maesydre, Gadlys (to Park Grove), Plasdraw Area. Sunnybank Street.
NANTAMANFACH. (<i>Situated in the hollow of the Hafod Wen mountain Cwmaman</i>)	60,000	Part of Aberaman, part of Godreaman, Incline Row, Woodland Terrace to Glynhafod Street.
PWLLFA. (<i>Situated at Ffyrnant in the hollow of the Ffaldau and Coedcae Mountains, Cwmaman. Catchment area reinforced by pumping from impounded flow from the old Bedwlyn Level</i>)	160,000	
TAF FECHAN WATER BOARD		
Upper Neuadd	340,000,000	Croesbychan, Hirwaun, Penywaun, Hirwaun Road, Cwm-dare, Trecynon (Cemetery Lodge to Park Lane). Llewellyn Street.
Lower Neuadd	74,000,000	
Taf Fechan	3,400,000,000	
WERFA STORAGE RESERVOIR (<i>Nanthir supply</i>)	360,000	The whole of Cwmbach.

SWIMMING BATHS AND PADDLING POOL

15

There are three swimming baths and one paddling pool situated in the district administered by the Engineer and Surveyor's Department of the Council, viz.:—

Swimming Bath and paddling pool at Aberdare Public Park

Swimming Bath at Rock Grounds, Aberdare and

Swimming Bath at Michael's Field, Recreation Ground, Aberaman

Baths	Source for filling	Method of Treatment (at the Baths)	Sterilization	Frequency of Water Turnover in Baths
Aberaman Rock Park	Nantmoel Supply Treated Bwllfa/Graig Supply Treated Bwllfa/Graig Supply Treated	Sulphate of Alumina & Soda Sulphate of Alumina & Soda Sulphate of Alumina & Soda	Sodium hypochlorinator Chlorine Gas Sodium hypochlorinator	10 hourly changeover 10 hourly changeover 10 hourly changeover

SOURCE OF SUPPLY	RESULTS OF BACTERIOLOGICAL TESTS				RESULTS OF CHEMICAL TESTS			
	No. of samples	Satis- factory	Unsatis- factory	% Satis- factory	No. of samples	Satis- factory	Unsatis- factory	% Satis- factory
ROCK BATHS								
Shallow End	11	11	—	100%	11	10	1	91%
Deep End	11	10	1	91%	11	2	9	18%
PARK BATHS								
Shallow End	12	12	—	100%	12	10	2	83%
Deep End	12	12	—	100%	12	10	2	83%
PARK PADDLING POOL	—	—	—	—	—	—	—	—
(new pool under construction)								
ABERAMAN BATHS								
Shallow End	3	3	—	100%	3	3	—	100%
Deep End	3	3	—	100%	3	3	—	100%

WATER SUPPLIES

Bacteriological and chemical analyses were made very frequently on all sources of water supply. A table showing the results of bacteriological and chemical tests on the filtered supplies is given below:—

SOURCE OF SUPPLY	RESULTS OF BACTERIOLOGICAL TESTS				RESULTS OF CHEMICAL TESTS			
	No. of Samples	Satisfactory	Unsatisfactory	% Satisfactory	No. of Samples	Satisfactory	Unsatisfactory	% Satisfactory
NANTHIR RESERVOIR								
Raw	160	—	—	—	160	—	—	—
Filtered	153	152	1	99%	153	114	39	73%
NANTMOEL RESERVOIR								
Raw	136	—	—	—	136	—	—	—
Filtered	136	135	1	99%	136	102	34	75%
GRAIG STORAGE PONDS								
Raw	11	—	—	—	11	—	—	—
Filtered	10	9	1	90%	10	2	8	20%
PWLLFA RESERVOIR								
Raw	15	—	—	—	15	—	—	—
Filtered	14	14	—	100%	14	4	10	29%
NEUADD RESERVOIR								
Filtered	12	12	—	100%	12	9	3	75%
NANTAMANFACH RESERVOIR								
Raw	11	—	—	—	11	—	—	—
Filtered	12	11	1	92%	12	9	3	75%
OTHER SAMPLES								
Un-filtered	40	38	2	95%	40	40	—	100%
Number of dwelling houses				..	13,115			
Number of population supplied from public water mains:				..	38,983			
(a) direct to houses				..	17			
(b) by means of stand-pipes				..	..	

1. Nanthir and Nantmoel Supplies

Previous reports will have indicated that difficulties have been experienced in achieving a satisfactory standard of treated water from these two sources, and, as a result, in 1962 a "Coagulation Treatment Plant" was introduced. This plant, will require careful attention to produce better and more consistent results, and there is every indication that this will be the case.

The construction of the bridge over the Nanthir Reservoir carrying the new Heads of the Valley Road, commenced in March, 1963, and since that time this project has been kept under constant supervision by Inspectors of the Health Department. All personnel working within the vicinity have been subjected to Bacteriological Examination to exclude the possibility of any person being a carrier of typhoid or paratyphoid. All the results so far have been negative.

2. Bwllfa, Graig Supplies

Unlike the waters from the various sources supplying the district the Bwllfa-Graig water is usually alkaline and considerably harder. It is naturally, a good quality water. Treatment consists of filtration by two slow sand filters and subsequent chlorination.

No physical progress was achieved during the year in relation to the modernisation of the treatment plant of this reservoir. A scheme has been approved by the Ministry. Consultants have been engaged, and the next step will be for the work to be put out to tender.

3. Amanfach and Pwllfa Supplies

The Nantamanfach Reservoir is now only used for emergency purposes, the Pwllfa Reservoir being the main supply supplemented when necessary by water from the Bedwlyn Level.

4. Neuadd. Taf Fechan Water Board

It continues to be necessary to secondarily chlorinate the treated water, purchased by the Council from the Board, shortly after it enters this area.

5. The Werfa Storage Reservoir

The Werfa Storage Reservoir constructed to replace the obsolete Blaennant-y-groes Tank Supply, now supplies the whole of Cwmbach with treated water derived from the Nanthir Reservoir.

Distribution Mains

Further progress was made during the year in the improvement of the Water Distribution System in the area, by the replacement of old, and encrusted mains, and the abolition of dead-ends. This now routine practice must continue for some considerable time to come, but, already, it can be said that the quality of the water, reaching the homes in some localities within the district, has been materially improved as a result of work done.

River Pollution

The River Cynon maintained its fairly satisfactory condition relative to its state of previous years. It is clean to the eye virtually throughout its course in the Urban District. Trade Effluent agreements negotiated with the various Industries concerned, will, when completed, constitute a major step forward in making the condition of the river more secure as will also the implementation of the recommendations of the Sewer Survey.

Atmospheric Pollution

There is little to be said in relation to the two major sources of Industrial Atmospheric Pollution in the area, namely, the Power Station and the Phurnacite Plant.

The former, from the point of view of Atmospheric Pollution, is obsolescent but, because of its relatively short life, measures to eradicate completely the dust pollution from this source, which would be extremely expensive, cannot be considered justifiable.

All that can be said of the Phurnacite Plant is that short of a major technical breakthrough, the only improvements that can be expected are minor ones. Every effort was made throughout the year to maintain the anti-pollution equipment at the highest possible degree of efficiency.

COMPARATIVE STATISTICAL INFORMATION

Tables shewing the results of the analyses made, during the year, of the deposits at the atmospheric pollution measuring stations set up in various points in the Aberdare and Mountain Ash Urban Districts are given below. As in previous years, these results continued to be submitted to the Department of Scientific and Industrial Research and National Coal Board, as well as being reported, periodically, to the two Councils concerned.

As a rough and by no means scientific guide, an approximation of the standard of pollution to be expected in the varying atmospheric conditions to be found in the country, a clean town and a "black" area of dense population and heavy industrial development is also given.

Finally the warning is repeated as to the dangers arising from efforts to produce, from these figures scientific conclusions rather than, as is the intention, material of general interest value.

CLASSIFICATION					TOTAL SOLIDS
A.	Clean	..	..	..	..less than 12.5 tons per square mile
B.	Fairly Clean	..	..	..	..12.5 to 37.5 tons per square mile
C.	Dirty	..	..	..	..37.5 to 62.5 tons per square mile
D.	Very Dirty	..	..	..	..In excess of 62.5 tons per square mile
	Clean rural atmosphere	..			..0.25m.g. of SO ₃ per 100 sq. cm. per day
	Heavily polluted atmosphere				..5.0m.g. of SO ₃ per 10 sq. cm. per day

CINEMAS

During the year the Health Committee approved certificates of fitness submitted by licensees with regard to First Aid, Fire Fighting, etc., and electrical installations. The certificates showed a satisfactory position. This service is administered by the Clerk of the Council.

The greatest possible liaison exists between the Fire Prevention Officer of the Glamorgan Fire Service and the Local Authority with regard to cinema supervision. Inspections are carried out periodically by the Shops Inspector.

There is a close liaison between the Shops and Public Health Inspectors of the respective districts in the control and supervision of Cinemas. Periodic and routine inspections are made and there is interchange of information upon the matters within their various provinces.

All existing cinemas within the area are provided with adequate and satisfactory toilet arrangements and are well maintained by the management and his staff.

However there are periodic outbreaks of vandalism resulting in wanton damage of fittings and toilet facilities. Whilst such behaviour is greatly deplored and the miscreants go undetected, the management make every endeavour to repair the damage with the minimum of delay.

The management are genuinely concerned that the overwhelming majority of their patrons should not be penalised by the anti-social behaviour of the few.

LICENSED PREMISES—HYGIENE

All licensed premises within the district continued to maintain a good standard of hygiene and further improvements were made which contributed to the increased comfort of the patrons.

During the severe weather in the early part of the year several premises experienced great difficulty due to frozen water supplies, but I am pleased to say that the standards of cleanliness and hygiene did not deteriorate.

Four licensed premises within the town centre closed, but no new premises opened during the year.

Similar to past reports, I have to state that the greatest liaison exists between the Licensing Justices, the Superintendent of Police and the Public Health Department, with regard to the hygiene and inspection of licensed premises in the district.

PUBLIC CLEANSING

The Councils Engineer and Surveyor's Department is responsible for the scavenging and road cleansing service. Road gullies are emptied by a mechanical emptier. Gutters on main roads are swept by a mechanical sweeper and all refuse collected by modern rear loaded propelled vehicles. The official tipping site in the area, situated at

YNYSYNNON SITE, ABERAMAN

is worked on the controlled tipping principle and is clean, well maintained and very satisfactory. This is a long termed project designed to elevate land adjacent to the river Cynon which has been frequently flooded and so reclaim it for practical use.

The indiscriminate dumping of refuse still remains a real and difficult problem in spite of efforts of the District Public Health Inspectors, and the implementation of the Councils scheme for the distribution of refuse bins to householders throughout the area which proceeded throughout the year but has not yet been completed.

In a further effort to stop this dumping of refuse the Engineer and Surveyor's Department now collect, when notified, all unwanted mattresses etc., but whether this will prove a complete success remains to be seen. A large number of old mattresses however have been collected by this service, which presumably would otherwise have been disposed of in various parts of the district.

The public sanitary conveniences were maintained in a fairly good condition in spite of the damage resulting from the severe frosts and some instances of wilful damage in out-lying districts.

UNSOUND FOOD

Miscellaneous articles of food of the above description condemned as unfit for human consumption amounted to 2 tons 3 cwt. and 24 lbs.

Condemned foodstuff which could not be returned to suppliers or used for processing purposes was disposed of with proper care in the Local Authority's refuse tips. The tips are under regular inspection by the Public Health Inspectors.

BACTERIOLOGICAL AND CHEMICAL EXAMINATIONS

I must again express my gratitude to Mr. D. Evans Jones, Public Analyst, and to Dr. R. W. S. Harvey of the Public Health Laboratory for the advice and assistance I have had from them in connection with the wide variety of chemical and bacteriological analyses and investigations which they have carried out on behalf of the Local Authority.

During the year 76 specimens were sent by the Public Health Department, and local general practitioners. These included throat and nose swabs, faeces, etc.

FOOD AND DRUGS ACT, 1955

The Council is the Food and Drugs Authority for the District and during the year the number of samples taken and submitted to the Public Analyst, approximated to one sample per 139 members of the population.

The number of samples taken during the year for qualitative analysis was 279 comprising 60 milks, 219 other foods, all of which were found to be satisfactory.

MILK (Special Designation) REGULATIONS, 1960

Number of Sterilising Plants licensed	1
Number of Pasteurising Plants licensed	1
Number of Dealers authorised to use the Special Designation "Pasteurised"	20
Number of Dealers authorised to use the Special Designation "Sterilised."	20

MILK (Special Designation) (Raw Milk) REGULATIONS, 1949

Number of Dealers authorised to use the Special Designation "Tuberculin Tested" Milk	19
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REPORT ON BACTERIOLOGICAL EXAMINATION OF MILK

Forty five samples of pasteurised milk were taken for bacteriological examination during the year, and all were found to be satisfactory.

EXAMINATION OF MILK FOR TUBERCLE BACILLI

A total of three samples of Tuberculin Tested Raw Milk were taken for examination for Tubercle Bacilli and were all found to be satisfactory.

MILK AND DAIRIES REGULATIONS, 1949

Number of Dairies registered previously	13
Number of Dairies registered during 1963	—
	13
Number of Dairies closed during 1963	—
	—
TOTAL	13
	—

ICE CREAM

All the shops and premises where ice cream is sold and prepared for sale were inspected by the Public Health Inspectors during the year. Vehicles used for the sale of ice cream were also inspected and kept under observation.

The Ice Cream (Heat Treatment) Regulations prescribe the method by which ice cream is manufactured and the occupiers of all registered premises within the district are aware of the requirements of the regulations and I am pleased to report that any suggestions made have readily been complied with.

During the year, it has been noticed that there appears to be a tendency towards the increased sale of pre-packed ice cream in the area.

During the year nine new applications were received for the registration of premises for the purpose of the sale of ice cream and all were granted.

FOOD AND DRUGS ACT—SECTION 16

Number of premises registered for manufacture of ice cream	3
Number of premises registered for manufacture of ice cream during 1963	—
	3
Number of premises or vehicles registered for the sale of ice cream prior to 1963	165
Number registered during 1963	10
	175

FOOD HYGIENE

The Public Health Inspectors continued in their work of education in Food Hygiene, together with the inspection and supervision of premises involved in the handling, preparing, and the storage of food.

During the year the Public Health Inspectors continued to give advice to food trade employers and employees.

SUMMARY OF FOOD PREMISES IN THE AREA

Grocers	86
General Provisions	97
Greengrocers	32
Cake and Confectioners }	66
Public Restaurants }	
Butchers	43
TOTAL	324

TYPE OF SHOP

Lock-up Shops	..	..	..	..	..	..	146
Parlour Shops	..	..	..	..	..	..	61
Other Shops	..	..	..	..	..	..	117
TOTAL							<u>324</u>
New shops opened during the year	..	..	..	..	..	..	11
Shops closed during the year	..	..	..	..	..	..	11
Number of inspections of food premises carried out during							
1963	..	..	..	..	..	..	717

As in previous years, I have to report that the general standard both of the layout and maintenance of the shops within the area is on the whole satisfactory and all the larger shops are provided with adequate facilities for the maintenance of a good standard of hygiene.

RODENT CONTROL

PREVENTION OF DAMAGE BY PESTS ACT, 1949

During the year, work on the destruction of rats and mice was continued and two operators were employed full time by the Council.

The operators also carried out maintenance treatments of the sewers in the area during the year.

Particulars of other treatments carried out during the year will be found below:

	TYPE OF PROPERTY				
	(1) Local Auth- ority	(2) Dwelling Houses (including Council Houses)	(3) All other (including Business Premises)	(4) Total Cols. (1) (2) & (3)	(5) Agri- cult- ral
1. No. of Properties inspected as a result of					
(a) Notification	3	455	61	519	—
(b) Survey	6	132	30	168	44
(c) Otherwise (e.g., when visited primarily for some other purpose)	—	654	588	1,242	—
2 Total Inspections carried out	9	12,41	679	1,929	44
3 No of properties inspected (inf 2) which were found to be infested by:—					
(a) Rats { Major	—	—	—	—	—
{ Minor	2	417	68	487	—
(b) Mice { Major	—	—	—	—	—
{ Minor	1	170	23	194	—
TOTALS	3	587	91	681	—

Sewer Treatments

Two treatments of the sewers in the area were carried out during 1963 and consisted of baiting the manholes twice at weekly intervals using a bait made as follows—

85% Pinhead Oatmeal	5% Mineral Oil
5% Sugar	5% Warfarin
0.25 Para-nitro-phenol	

Some brief particulars of the treatments are given below:—

Number of Manholes	Number Baited	Number of Complete & Good takes	Number of Small takes	Number of No takes	Number of Manholes not baited
790	618	73	6	539	172
790	574	57	9	508	216

Central Council for Health Education

An annual contribution is made to the Central Council for Health Education whereby the services of this organisation are made available and utilized.

Medical Examination of Council Employees

During the year sixty-one persons have been medically examined. The examinations were for the purposes of the Council's Superannuation Scheme, applications for Breakdown Pensions and the Council's Sick Scheme.

NATIONAL ASSISTANCE ACT, 1948 to 1951

(a) Care of the Aged

I have to report that similar to past years, the Department continued to co-operate with family doctors, hospital medical officers and the staff of the Divisional Health Office, the Assistance Board and the Aberdare Old People's Welfare Committee, which is a voluntary organisation, in furthering the welfare in general of elderly people in the area. Through the agencies of the Welfare Committee, a Chiropody Service has covered the needs of the whole district.

(b) Removal to suitable premises (Section 47)

No action was taken by the Council under this provision of the Act, during the year.

(c) Burial of the Dead (Section 50)

No action was taken under this section during the year under review.

GENERAL HEALTH AND WELFARE SERVICES OF THE DISTRICT

1. Services provided by the Glamorgan County Council

(a) Maternity and Child Welfare, Midwifery, Home Nursing, Home Help, Distribution of Welfare Foods, Issuing of Sick Room Requisites, School Medical and Health Visiting.

These services are administered by the Divisional Medical Officer.

Headquarters: Divisional Health Office, New Clinic Buildings,
Rock Grounds, Aberdare. Tel. No. Aberdare 2497/8

(b) Mental Health Services

The duly authorised officers for this area are :—

Mr. C. E. ROSE, 49A Gabalfa Avenue, Cardiff. Tel. No. Cardiff 68142

Mrs. L. R. Lancet, 75 Beech House, Whitchurch, Cardiff. Tel. Cardiff 68478

(c) Ambulance Service

The Ambulance Station for this area is situated at :—

Hawthorn, Rhydfelin, Pontypridd, Glam. Tel. No. Pontypridd 2522

(d) Welfare Service

Officers of the Welfare Service are available to offer advice and assistance to those in need of hostel accommodation, the blind and the handicapped.

The local office for this area is at :—

Area Office: Llewellyn Street, Trecynon, Aberdare, Glam.

Tel. No. : Aberdare 3018

(e) Children's Department

The office of the Children's Department of the County Council is at Greyfriars Road, Cardiff. Tel. No. : Cardiff 28033

There is, however working in this district, a Children's Visitor :—

Miss M. E. Thomas *c/o* Children's Department, Courthouse Street, Pontypridd.

Tel. No. : Pontypridd 2275

(f) Registration of Births, Deaths and Marriages

This area comes under the Pontypridd District and the Superintendent's Office is at Courthouse Street, Pontypridd, Glam. Tel. No. : Pontypridd 3122

The Local Registrar is Mr. Dilwyn Jones, Registrar's Office, 21 Cardiff Street, Aberdare. Tel. No. : Aberdare 2008

(g) Probation Officers

The address of the Principal Probation Officer is at St. Catherine's Chamber, Mill Street, Pontypridd, Glam. Tel. No. : Pontypridd 2157

For this area the Probation Officers are :—

Mr. EMLYN EVANS and Miss E. PARKER, Probation Officers Office, 21 Cardiff Street, Aberdare. Tel. No. : Aberdare 2901

(h) Youth Employment Bureau

The Youth Employment Officer for this area is Mr. W. V. MCCARTHY, Youth Employment Bureau, Wind Street, Aberdare, Glam.

Tel. No. : Aberdare 2795

2. Hospital Services provided by the Welsh Regional Hospital Board

Hospital facilities for this area are administered by the Merthyr and Aberdare Hospital Management Committee. The office of this Committee is at St. Tydfil's Hospital, Merthyr Tydfil, Glam. Tel. No. : Merthyr 3401

The following is a list of the hospitals and clinics used by the residents of the area :—

Aberdare General Hospital, Abernant, Aberdare, Glam.

Tel. No. : Aberdare 2411

Fedw Hir Convalescent Hospital, Llwydcoed, Aberdare, Glam.

Tel. No. : Aberdare 2612

Mountain Ash General Hospital, Caegarw, Mountain Ash, Glam.

Tel. No. : Mountain Ash 2212

Mardy Isolation Hospital, Merthyr Tydfil, Glam. (*For Infectious Diseases*)

Tel. No. : Merthyr 3581

Pontsarn Chest Hospital, Merthyr Tydfil, Glam.

Tel. No. : Merthyr 2278

St. Tydfil's Hospital, Merthyr Tydfil, Glam.

Tel. No. : Merthyr 3401

Merthyr General Hospital, Merthyr Tydfil, Glam.

Tel. No. : Merthyr 3651

Chest Clinic at Aberdare General Hospital, Abernant, Aberdare, Glam.
Tel. No. : Aberdare 2411

(This clinic is available on Monday and Thursday mornings)

3. Services provided by Goverment Departments

- (a) Ministry of Pensions and National Insurance,
Central Office (Wales), Goverment Buildings,
St. Agnes Road, Gabalfa, Cardiff
Tel. No. : Cardiff 62131

(b) **Pneumoconiosis Medical Panel**

The office is situated at the
East Entrance, Prudential Building,
Cathays Park, Cardiff
Tel. No. : Cardiff 26161

(c) **National Assistance Board**

The area Office for this district is at
Glanynys, Cwmbach Road, Aberdare Glam.
Tel. No. : Aberdare 2343

(d) **Ministry of Labour and National Service**

Employment Exchange, Monk Street, Aberdare, Glam.
Tel. No. : Aberdare 2383

4. General Practitioner Service

This service is provided by the
Glamorgan Executive Council,
(National Health Council), 47 Park Place, Cardiff
Tel. No. : Cardiff 26216

HOUSING STATISTICS

Below are details of habitable dwelling-houses in the area at the 31st of December 1963.

Pre-War private houses in the area	10,347
Pre-War local authority houses in the area	576
Pre-War local authority miscellaneous houses in the area	28
	<hr/>
	10,951
Post-War private (534) and Police (20) houses in the area	554
Post-War local authority houses in the area	1,610
	<hr/>
	13,115

During the Post-War period to the 31st December, 1963, 320 dwelling houses were demolished and 75 closed as unfit for human habitation—395 houses (24 during 1963)

The number of houses on the Council's Estates are as follows :—

District	Pre 1939 War dwellings	Post 1939	Totals
Trevaun	18	—	18
Trenant	132	—	132
Trefelin	140	—	140
Treneol	72	—	72
Penywaun	24	896	920
Llwydcoed	106	94	200
Abernant	40	6	46
Cwmbach	44	426	470
Ty Fry	—	120	120
Miscellaneous	28	—	28
Cwmdare (Maesgwyn)	—	68	68
	<hr/>	<hr/>	<hr/>
TOTALS	604	1,610	2,214

Types of Dwellings with Number of Bedrooms

TYPE	Bedrooms	No. of dwellings
B.I.S.F. Steel Dwellings	3	96
Aluminium Prefabricated Bungalows	2	138
Traditional Houses	4	45
Traditional Houses	3	1,523
Traditional Houses	2	52
Flats	2	286
Flats	1	56
Bungalows	1	18
		<hr/>
		2,214 Total

Allocation of Council Houses

Below you will find a table of 609 applicants (divided into Tenants and Sub-Tenants) for Council houses at the 31st December, 1963.

Ward	With 3 or more children	With 2 children	With 1 child over ten	With 1 child under ten	With no children	Totals	T.B.
TENANTS							
1	8	27	25	11	29	100	3
2	3	3	7	3	14	30	2
3	3	5	8	3	17	36	-
4	6	11	22	2	31	72	2
5	9	8	14	7	23	61	3
T'tals	29	54	76	26	114	299	10
SUB-TENANTS							
1	7	19	10	33	36	105	6
2	-	5	2	7	15	29	-
3	1	2	1	15	12	31	1
4	2	17	4	15	12	50	2
5	6	28	6	12	12	64	2
T'tals	16	71	23	82	87	279	11

Tenants	299
Sub-Tenants	279
TOTAL	578
Applicants from outside A.U.D.C. Area ..	31
TOTAL APPLICATIONS	609

HOUSING REPAIRS

I have to report similar to past years that housing repairs during the year have not been without their unsolved problems of getting landlords to undertake repairs. Continued efforts by the Public Health Inspectors to improve the conditions of the older properties have resulted in a substantial number of houses being attended to, although it has been necessary to resort to formal action in some cases.

The high cost of labour and materials continues to make the task of enforcing housing repairs, especially in the case of the lower rented properties, a most difficult one to deal with.

1. Inspection of Dwelling-houses during 1963	
(a) Total number of dwellinghouses inspected for housing defects under the Housing Act and Public Health Act	654
(b) Number of Inspections made for the purpose	1,527
(c) Number of dwelling-houses found to be in a state of danger or injurious to health, as to be unfit for human habitation ..	31
(d) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head.) found not to be in all respects reasonably fit for human habitation	119
2. Remedy of defects during the year without service of formal notices	
83	
3. Action under Statutory Powers during the year	
(1) PROCEEDINGS UNDER SECTION 9, HOUSING ACT, 1957	
(a) Number of dwelling-houses in respect of which notices were served requiring repairs	23
(b) Number of dwelling-houses which were rendered fit after service of formal notice	14
(i) By Owners	9
(ii) By Local Authority in default of Owners ..	5
(2) PROCEEDINGS UNDER THE PUBLIC HEALTH ACT	
(a) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied.	111
(b) Number of dwelling-houses in which defects were remedied after service of formal notices	61
(i) By Owners	57
(ii) By Local Authority in default of the owners	4
4. Proceedings under Sections 16 and 17 of the Housing Act, 1957	
51	
5. Proceedings under Section 18 of the Housing Act, 1957 ..	
—	

RENT ACT, 1957

Part 1. Applications for Certificates of Disrepair		
(1) Number of applications for certificates		4
(2) Number of decisions not to issue certificates		—
(3) Number of decisions to issue certificates		4
(i) in respect of some but not all defects		1
(ii) in respect of all defects		3
(4) Number of Undertakings given by Landlords under paragraph 5 of the First Schedule		—
(5) Number of undertakings refused by Local Authority under proviso, to paragraph 5 of the First Schedule		—
(6) Number of Certificates issued		2

Part 2. Application for cancellation of Certificates

(7) Applications by Landlords to Local Authority for cancellation of certificate of disrepair	1
(8) Objections by Tenants to cancellation of Certificates	—
(9) Decisions by Local Authority to cancel in spite of Tenant's objection	—
(10) Certificates cancelled by Local Authority	—

Improvement Grants, Housing (Financial Provisions) Act, 1958, and House Purchase and Housing Act, 1959

I have to report that during 1963, applications for improvement grants have been received from 174 applicants. Since January, 1955, £142,529 3s. 6d. has been approved to 712 applicants up to the 31st December, 1963.

Action on Houses unfit for Human Habitation (Housing Act, 1957)

During 1963	Demolition Orders served	22
	Closing Orders served	9
	,, ,, substituted by demolition orders	7
	Undertakings accepted	—
	Schemes accepted	—

Occupants from Fourteen unfit properties have been re-housed by the Local Authority, during the year.

Public Health Act, 1936, Section 266 Moveable Dwellings

The two licensed sites within the district are now fairly well established. The Model standards issued by the Ministry for the guidance of licensing authorities has been used as a minimum standard within the area. Both sites are connected to the main sewer with drainage for the disposal of waste-water and water supply connected to each caravan which is stationed on a concrete base.

Both sites have also laid on electricity for site lighting and also for the use of the caravan occupiers.

Whilst the general site layout is in the main satisfactory there are, as in the case of permanent dwellings, varying standards of maintenance by individual caravanners, some of which are very good with their small plots of ground tastefully cultivated which greatly improves the general aspect of the site. These however are in the minority and every effort is made to encourage those that lag behind, since example is always better than precept it is to be hoped that others will follow in the ways of those who show a real pride in their dwelling.

The caravan as a dwelling has an undoubted appeal to many as a mode of living and has met a serious need where there has been scarcity of permanent dwellings. It remains to be seen whether caravans will retain their appeal once a choice can be made between them and a permanent dwelling.

Whilst they may provide adequate facilities for a young or childless couple they are however in my view not suitable as permanent homes for the rearing of a family.

A fairly close supervision of both sites is aimed at by the department's officers and also of the problem families which not infrequently flit from outside the area on to these sites. Similarly, problem families are sometimes rehoused in liaison with an officer of the Welfare Services, as a last resort, in an effort to keep such families together following upon eviction. These aspects often present some real difficulty.

Nearly four years has passed since the Caravan Sites and Control of Development Act was passed in 1960 and it would be a fair assessment to say that the implementation of this Act has resulted in a substantial improvement and provided basic essential facilities to persons living in caravans that were not previously available to them.

The granting and the setting up of the two licensed sites within the Urban Area has proved to be a marked improvement upon the previous licensing of caravans in scattered locations throughout the area and resulted in a greater measure of control of the itinerant caravaner.

J. LLEWELLYN WILLIAMS,
Medical Officer of Health

SUMMARY OF WORK DONE BY THE PUBLIC HEALTH INSPECTORS DURING THE YEAR

Number of houses and premises inspected	..	..	..	..	..	654
Number of houses and premises re-visited	..	..	..	..	..	873
Number of Notices served—preliminary	..	..	..	..	..	119
Number of Notices served—statutory..	..	..	..	..	..	134
Number of houses repaired	..	..	..	..	..	158
Closets cleansed or repaired	..	..	..	..	..	55
Flush tanks renewed	..	..	..	..	..	55
New closets erected to existing buildings	..	..	..	..	..	3
Yards paved or repaired	..	..	..	..	..	31
Defective house roofs repaired	..	..	..	..	..	177
Defective walls repaired	..	..	..	..	..	237
Defective chimneys repaired	..	..	..	..	..	127
Defective ceilings repaired	..	..	..	..	..	111
Defective floors repaired	..	..	..	..	..	75
Defective doors repaired or renewed	..	..	..	..	..	72
Defective windows repaired or renewed	..	..	..	..	..	188
Defective fireplaces repaired or renewed	..	..	..	..	..	42
Defective ovens renewed	..	..	..	..	..	36
New eaves gutters and downpipes fixed	..	..	..	..	..	125
Accumulation of refuse removed	..	..	..	..	..	69
Other nuisances abated	..	..	..	..	..	144
Number of milk samples taken for examination	..	..	..	..	..	105
Number of water samples taken for bacteriological examination	..	..	..	..	..	767
Number of water samples taken for chemical examination	..	..	..	..	..	767
Number of verminous houses inspected	..	..	..	..	..	22
Number of samples taken for food and drugs examination	..	..	..	..	..	279
Number of infectious disease cases investigated	..	..	..	..	..	24

Disinfection

Number of houses fumigated after infectious diseases	..	..	..	..	..	24
Number of articles disinfected	..	..	..	..	..	186
Number of articles destroyed	..	..	..	..	..	2

Drain Testing

Number of drains tested	..	..	..	..	..	..	307
Number of drains found defective	..	..	..	..	..	..	87
Number of drains relaid	..	..	..	..	..	..	23
Number of drains cleansed or repaired	..	..	..	..	..	..	87
Number of drains connected to sewer	..	..	..	..	..	..	46

Bakehouses

Number on register	..	..	..	..	..	..	..	8
Number of visits of inspection	..	..	..	..	..	..	..	69
Number of defects remedied	..	..	..	..	..	..	..	7

Lodging-Houses

Number on register	..	..	..	..	..	..	..	1
Number of visits of inspection	..	..	..	..	..	..	..	24

Dairies and Milkshops

Number on register	13
Number of visits of Inspection	60
Number of defects remedied	8

Factories

	No. on Register	Inspec- tions	Written Notices	Prose- cutions
(1) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	8	31	3	—
(2) Factories not included above in which Section 7 is enforced by the Authority	95	253	2	—
(3) Other premises in which Section is enforced by the Local Authority (excluding out-workers Premises)	—	—	—	—
TOTALS.. .. .	103	284	5	—
Cases in which defects were found :	Found	Remedied	Referred by H.M. Inspector	Prose- cutions
Want of cleanliness	1	1	—	—
Overcrowding	—	—	—	—
Unreasonable temperature	—	—	—	—
Inadequate ventilation	—	—	—	—
Ineffective drainage of floors	—	—	—	—
Sanitary Conveniences :—				
(a) Insufficient	—	—	—	—
(b) Unsuitable or defective.. .. .	2	2	—	—
(c) Not separate for sexes	—	—	—	—
Other offences against the Act (Not relating to Outwork)	—	—	—	—
TOTALS.. .. .	3	3	—	—

Number of Outworkers ONE

T. WALTERS,
Senior Public Health Inspector

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19 Cardiff Street, Aberdare Glam.
